PCT/EP 03/09808

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C08F287/00 C08F297/04

C08L51/00

C08L53/02

C08L25/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \hline \text{Minimum documentation searched} & \text{(classification system followed by classification symbols)} \\ IPC & 7 & C08F & C08L & C08J \\ \hline \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

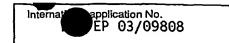
| | ENTS CONSIDERED TO BE RELEVANT | | |
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| Category ° | Citation of document, with indication, where appropriate, of th | Relevant to claim No. | |
| X | WO 01/85816 A (GAUSEPOHL HERMA (DE); DESBOIS PHILIPPE (DE); S 15 November 2001 (2001-11-15) * Ansprüche 1,2,5,6,9,12-17; Beispiel H1; Seite 5, Zeile 2 4, Zeile 13 - Seite 5, Zeile 1 Zeile 15-26 * page 2, lines 32-34 | Tabelle 2 25-27 : Seite | 1-9 |
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| X Furth | ner documents are listed in the continuation of box C. | X Patent family members are listed | l in annex. |
| "A" docume consid "E" earlier of filing d "L" docume which citation "O" docume other r "P" docume later it | ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the International filing date but and the priority date claimed | "T" later document published after the in or priority date and not in conflict will cited to understand the principle or t invention "X" document of particular relevance; the cannot be considered novel or canninvolve an inventive step when the document of particular relevance; the cannot be considered to involve an indocument is combined with one or n ments, such combination being obvi in the art. "&" document member of the same pater | h the application but theory underlying the claimed invention of the considered to ocument is taken alone claimed invention nventive step when the nore other such docutous to a person skilled at family |
| | actual completion of the international search February 2004 | Date of mailing of the international se | arch report |
| Name and n | nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, | Authorized officer | |
| | Fax: (+31-70) 340-3016 | Hammond, A | |



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| WO 00/32662 A (MOEDERSHEIM NORBERT ;BASF AG (DE); MOORS RAINER (DE); SCHWABEN HAN) 8 June 2000 (2000-06-08) abstract; claims 1-5 | 1-9 |
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| Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet) |
|---|
| This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: |
| Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: |
| 2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: |
| 3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a). |
| Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet) |
| This International Searching Authority found multiple inventions in this international application, as follows: |
| see additional sheet |
| As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims. . |
| 2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. |
| 3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.: |
| 4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-9 |
| Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees. |

Continuation of Box II

The International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims 1-9

Anionically polymerised impact-resistant polystyrene, characterised in that it has a melt volume-flow rate (MVR) of at least 8 cm³/10 min measured according to EN ISO 1133 at a test temperature of 200°C with a nominal load of 5 kg. Claim 5 discloses thermoplastic moulding compounds. Claims 6 to 9 disclose a method for producing impact-resistant polystyrene as defined in claims 1 to 4.

2. Claims 10-11

An initiator composition and use thereof for an anionic polymerisation reaction as defined in claims 10 and 11.

3. Claims 12-13

Use of the thermoplastic moulding compounds of claim 5 or of the impactresistant polystyrene of claims 1 to 4 in the production of mouldings or films or fibres or foams.

IN RNATIONAL SEARCH REPORT

Internal Application No PCT 03/09808

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